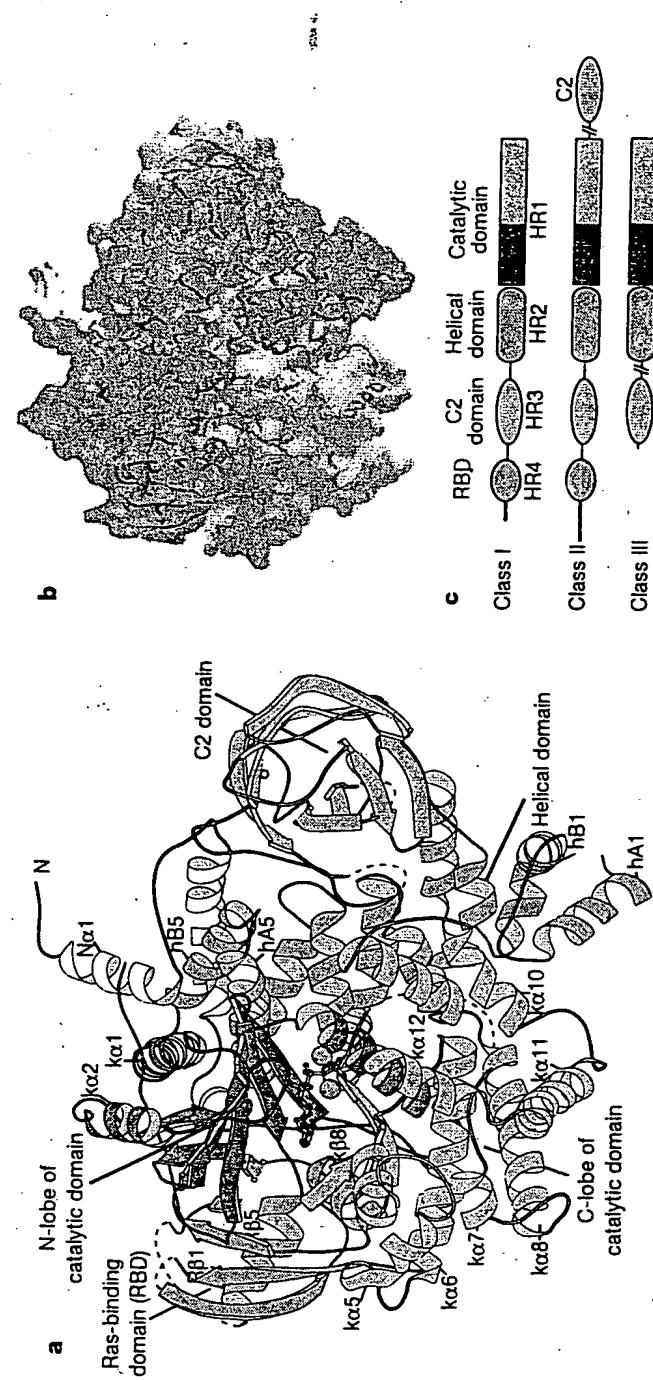


Fig. 1. Structure of the catalytic domain of PIK3CA.



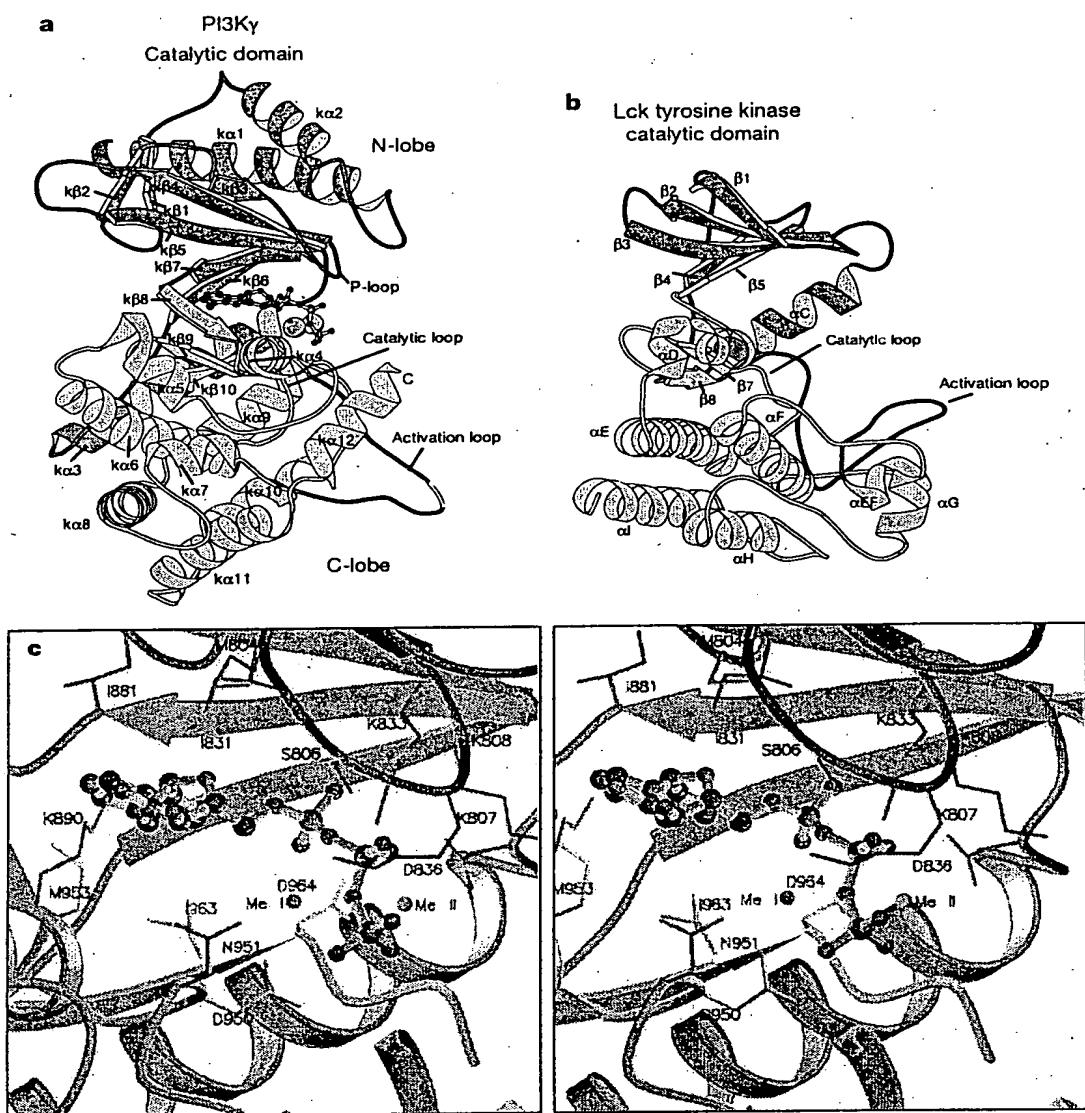


Figure 2

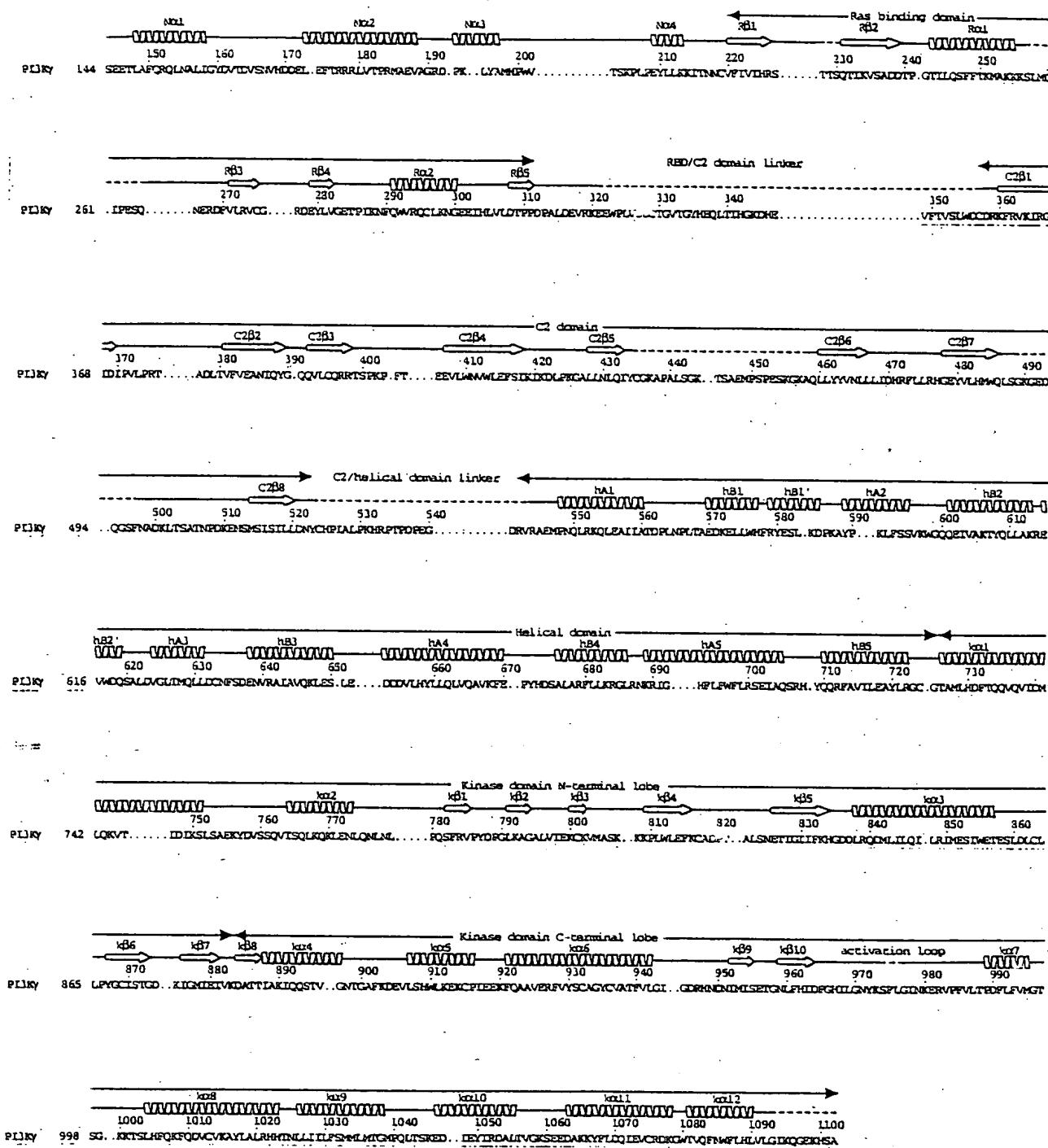


Figure 3

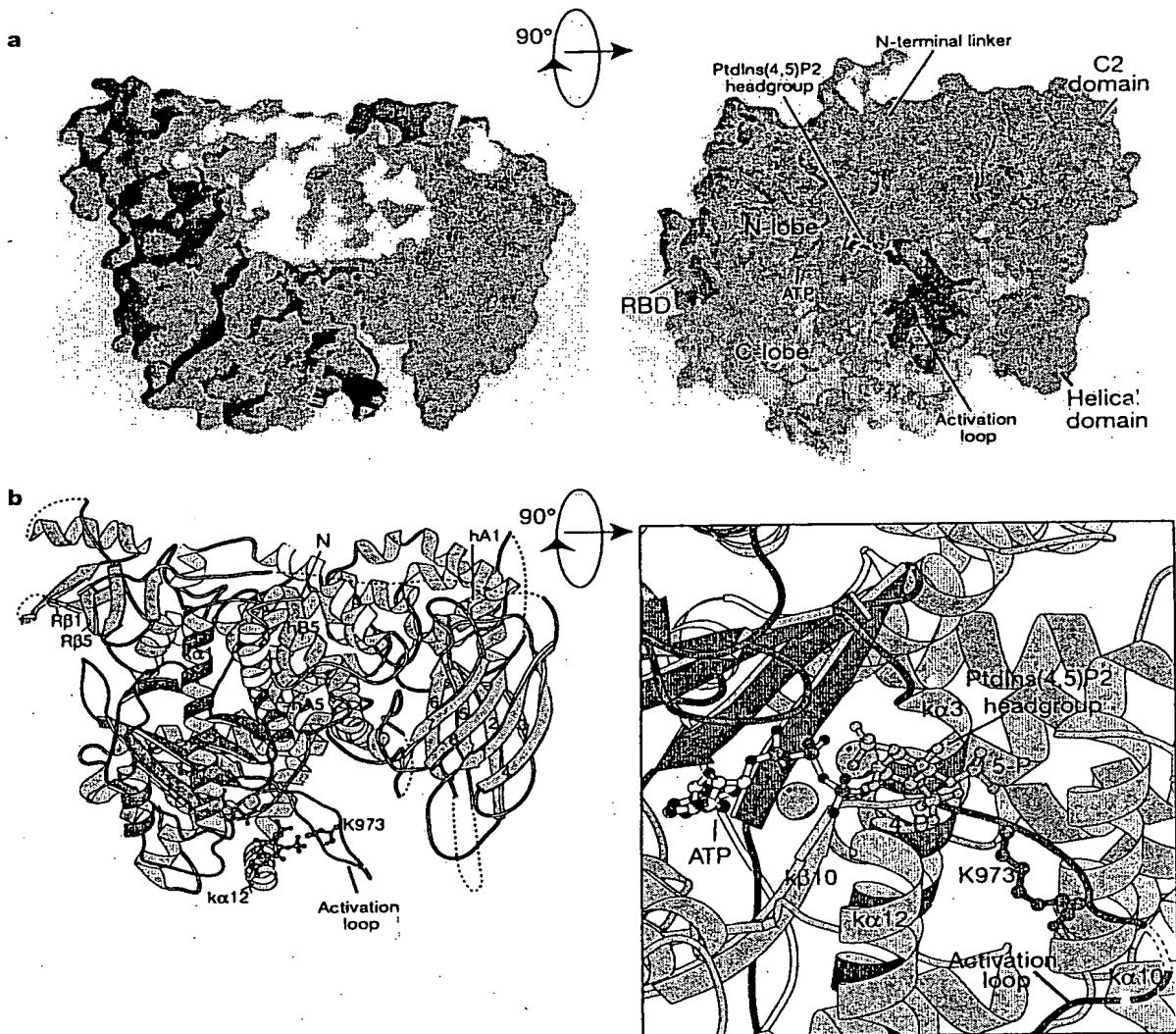
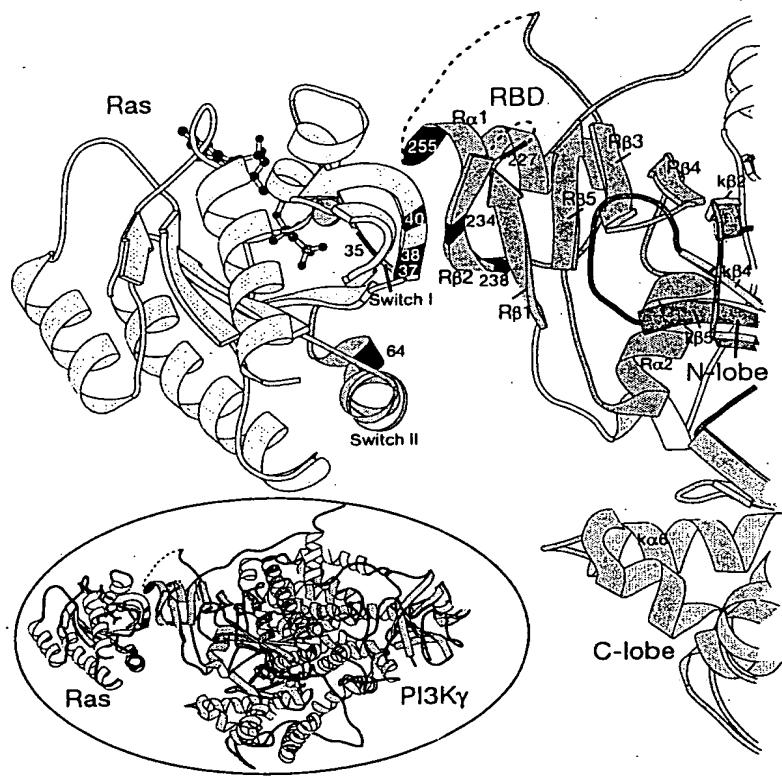


Figure 4

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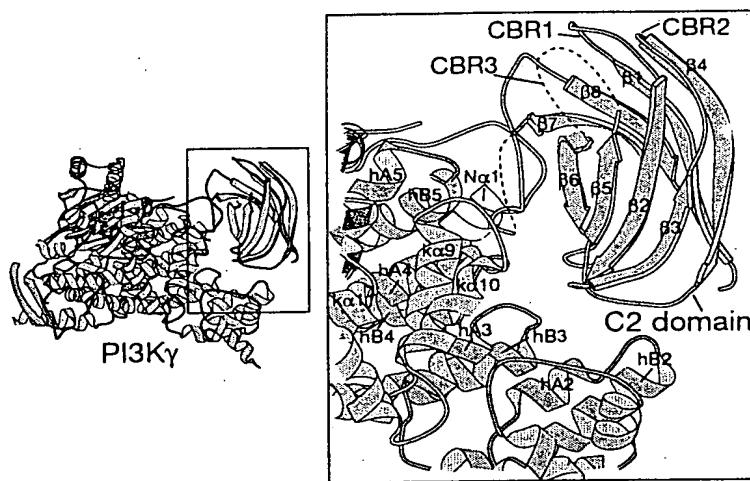


Figure 6

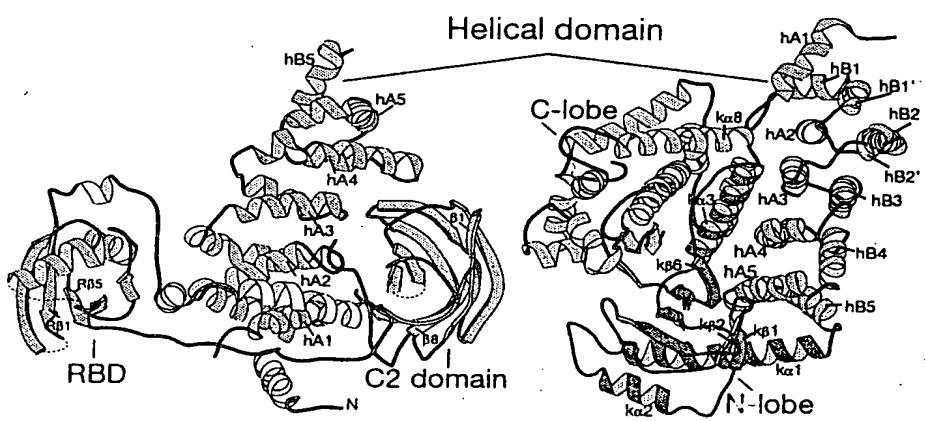


Figure 7

MELENYEQPV VLREDNRRRR RRMKPRSTAA SLSSMELIPI EFVLPTSQRN TKTPETALLH
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CLRYWKVLHR SPGQIHVVQR HAPSEETLAF QRQLNALIGY DVTDVSNVHD DELEFTRRRL
VTPRMAEVAG RDPKLYAMHP WVTSKPLPEY LLKKITNNCV FIVIHRSTTS QTICKVSADDT
PGTILQSFFT KMAKKKSLMD IPESQNERDF VLRVCGRDEY LVGETPIKNF QWVRQCLKNG
EEIHLVLDTP PDPALDEVRK EEWPLVDDCT GVTGYHEQLT IHGKDHESVF TVSLWDCDRK
FRVKIRGIDI PVLPRADLT VFVEANIQYG QQVLCQRRTS PKPFTEEV LW NVWLEFSIKI
KDLPKGALLN LQIYCGKAPA LSGKTSAEIMP SPESKGKAQL LYVVNLILLID HRFLRLRGEY
VLHMWQLSGK GEDQGSFNAD KLTSATNPDK ENSMSISILL DNYCHPIALP KHRPTPDPEG
DRVRAEMPNQ LRKQLEAIIA TDPLNPLTAE DKELLWHFRY ESLKDPKAYP KLFSSVKWGQ
QEIVAKTYQL LAKREWDQS ALDVGLTMQL LDCNFSDENV RAIAVQKLES LEDDDVLHYL
LQLVQAVKFE PYHDSALARF LLKRGRLRNKR IGHFLFWFLR SEIAQSRHYQ QRFAVILEAY
LRGCGTAMLH DFTQQVQVID MLQKVTTIDIK SLSAEKYDVS SQVISQLKQK LENLQNLNLP
QSFRVPYDPG LKAGALVIEK CKVMASKKKP LWLEFKCADP TALSNETIGI IFKHGDDLHQ
DMLLILQILRI MESIWETESL DLCLLPYGC STGDKIGMIE IVKDATTIAK IQQSTVGNTG
AFKDEVLSHW LKEKCPIEEK FQAAVERFVY SCAGYCVATF VLGIGDRHND NIMISETGNL
FHIDFGHILG NYKSFLGINK ERVPFVLTPD FLFVMTSGK KTSLHFQKFQ DVCVKAYLAL
RHHTNLLIIL FSMMMLMTGMP QLTSKEDIEY IRDALTVGKS EEDAKKYFLD QIEVCRDKGW
TVQFNWFLHL VLGIKQGEKH SA

Fig. 8